

ABSTRACT

The invention relates to an inventive steam power plant comprising at least one steam turbine and a steam generator. According to the invention, a firing device is located downstream of the steam generator and upstream of the steam turbine and/or downstream of a first turbine phase and upstream of a second turbine phase of the steam turbine in the direction of the steam flow and the steam flow can be heated in a combustion chamber of the firing device by being mixed with a heating gas that can be generated in the combustion chamber.